Rec'd May 11th
Ans June 15

Davenport. May. 8th 1860

My Dear Dr

I am just in receipt
of your letter of 5th inst. I should
have written you before this to
acknowledge the receipt of the
very interesting papers you were
kind enough to send me but was
a little uncertain about your
whereabouts The copy of B's
Cactaceae came safely to hand
My interest in Botany is unabated
and bid fare to revive. as I have
lately fitted up a study with
conveniences I have never had
before for arranging & storing away
collections & books. What a pleasure
it would be to welcome here
my good friend Dr Engelmann.
and extract some of the rich
information acquired in your

late European tour.

My herbarium has been heretofore in a very unsettled & disarranged state packed away in boxes & closets. I expect now to get to work and put it in order, select duplicates for exchange &c. &c. I shall probably want some information on some doubtful plants, and shall be glad to avail myself of your vicinity to have the benefit of your counsel. I can probably supply you with some plants that you have not got. Though probably not much of the families in which you are particularly interested

I am glad that you stick to Cactæ; and hope that you will have time & opportunity to complete your study of this Order to your own satisfaction & the benefit of more humble inquirers

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

I think we ought also to receive a good lot of novelties from the arid valleys at the Eastern base of the Sierra Nevada and the Cañons of the Colorado of the west. probably Southern Cal^a is not half explored. and if it could be get at would furnish material of much interest. How nice it would be to explore some of these regions by a company of thorough botanists; not attached as an adjunct to some Mil. Surv. Expeditions. but independently devoted to scientific investigations.

I shall be particular to make any notes that may occurr to me in looking over your Report on Cactæ and will communicate from time to time any thing of consequence

Do you think a set of these plates could be safely colored to nature? It would be quite an addition to the artistic effect. and perhaps of some scientific value

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I hear from Schott occasionally but hardly a line from Bigelow I am not engaged in Medical practice. though I keep up my association with Medical men. and read something in medical literature

As you have put on the harness again I suppose you consider yourself a fixture in St Louis. and I shall be glad drop in upon you. whenever circumstances may call me that way. and renew the pleasant acquaintance made with Mrs E. & Son.

With kind regards.

Yours truly

E. C. Parry.

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GEORGE ENGELMANN PAPERS

P.S. I am trying to gather together botanical autographs. & photographs. please bear this in mind whenever you can serve me without robbing yourself — C C P

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Davenport Iowa
Jan'y 21st 1861

Dr Engelmann

Dear Sir

It is quite a number of months since I heard from you. Your last letter written in June last came during my absence on a short tour to the Northern Lakes & Collingwood Bay. Since my return I have been most of the time occupied in business matters during which I have in great measure lost sight of my scientific pursuits.

I now write partly in the way of asking your advise in regard to a contemplated botanical trip next Season to the Pikes Peak region. My friends Drs Torrey & Gray

seem inclined to encourage my
plans of making a botanical
collections in that region.
My design is to make an start
as early next May as practicable
proceed by the most direct
conveyance to Denver City &
there join some prospecting
parties to explore the Mountain
regions on the west including
the sources of peaks & ranges &
sheltered valleys at the head of
the Arkansas Rio Grande &
Green Rivers. From what information
I have been able to gather from
intelligent persons who have
visited that region I think there
will be no difficulty in making
a thorough exploration of that
interesting region - and of the
means of transportation will allow
making a nice collection of
plants - Dr Gray thinks I could
readily find sale for a dozen

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or more sets of Mt plants. of
3 to 500 species. I also propose
to act in capacity of correspondent
to some respectable public journal
giving a somewhat popular description
of the country - scenery, vegetation
mineral productions, incidents
of travel &c & from these
sources I can secure enough to
pay expenses I shall be perfectly
satisfied, as my object is not
pecuniary - Please let me have
your views on this subject with
any suggestions as to the best
plan to pursue to accomplish my
object. Quite likely if I conclude
to go I shall find it to my
advantage to go via St Louis
& may give you a call. or
otherwise ask of you the favor to
procure & forward to Denver city
some little outfit I may require
on the way & procuring paper
& &c Dr Gray says that Fendler
is now at St Louis. Could he not

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be persuaded to join in such
a trip. It would be hardly practicable
I suppose to take a barometer along
but it would be very desirable
to have some means of determining
heights at least approximately.
Do you know of any organized
parties going out from St Louis
that I could join in such an exploration
and let me know how I can
serve you in the way of collections &c
I have lost sight entirely of
Bigelow. and hear only occasionally
from Schott. I suppose you
keep busy as usual. working at
Botany in the chinks that medical
practice allows. Please remember
me kindly to Mrs Engelmann.
and let me hear from you
at your earliest convenience

Sincerely yours

C. C. Parry

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Rec'd Feb 3 [illegible]
Ans Feb 2[illegible]4

Davenport Jany 31st 1861

Dr Engelmann

Dr Sir

Your enthusiastic response to my letter proposing a botanical trip to the Rocky Mts. encourages me to think that I have taken the right time & means to accomplish a long cherished object — Many thanks for your useful suggestions, & kind proffers of assistance. I think as well of them That I shall certainly go via St Louis and make myself still farther your debtor by making use of your experience and aid. From your statements in connexion with others from Dr Jaeg. I feel no concern in regard to a sale of all the collections I can profitably

make as I wish to make them as complete as possible. - even if the No of Species is limited to a small District. If the Experiment should prove successful I may conclude to continue my collection for several seasons so as to include a thorough botanical Survey of that region - In regard to your suggestions of a probable engagement as Correspondent for Mo Republican I would like to have an early & definite understanding; would it be well for me to make application through you to know whether such an engagement could be effected and on what Terms.? I could furnish probably weekly letters, descriptions of the Country scenery, productions, prospects, state of society & incidents of travel, &c &c such as would suit a popular journal. I would like to draw on them from time to time, for funds to pay current expenses so as to avoid the care of carrying money, in any considerable amount. If you could see the proprietors and learn whether such an engagement would suit them and if they feel disposed on your recommendation to make any proposals. the matter could be soon settled. I am anxious to decide on this matter soon, as it is now the only thing that stands in the way of a final decision to go. I have applied some time ago through a friend in N.Y. to see if I could make some engagement with some respectable journal there but do not get any answer as yet, and perhaps being farther off they might feel less interest in such correspondence than a nearer locality. In regard to outfit- every thing can probably be got to the best advantage in St Louis. probably it would be advisable

to send on a bundle of pressing
papers. to await my arrival at
Denver - I shall also want to
get a good supply of India rubber
cloth to protect specimens, &c
There is plenty of time however
to fix upon these matters some
time hence

In regard to a previous promise
of duplicates for your herbarium
I have not forgotten. & you may
expect a small installment when
I come Down. —

I think I shall follow out your
suggestion to get over the plains
as fast as possible so as to be
in the Mts early in May at
farthest — As I shall probably
have occasion to write you again
soon I will conclude. Hoping you
will be able to decipher this scrawl
hastily written

Yours truly

C. C. Parry

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Davenport March 2d 1864

Rec'd March 6th
Ans March 14

My Dear Dr

I have just received your note of Feb 26th would say briefly in answer that my mind is fully made up to undertake the trip, so please consider that point as settled, and confine our attention to making arrangements for securing the best possible results, I now think it will be as well not to loose time for me to leave here soon after the 1st April and after spending a few days with you and arranging a proper outfit, get started for the west so as to reach the mountains by 1st May. I have been picking up information in regard to facilities of exploration

and feel quite encouraged at the prospects of having ample facilities for penetrating the higher Mt ranges in scattered mining locations, or with prospecting parties — My idea would be to fix on some central location say adjoining some of the high peaks or ranges, and then make excursions in different directions, gather up all that is to be found & then move to some different location. by following up this plan, I shall be able to effect a more thorough exploration & being less encumbered by baggage make & preserve better specimens & take more complete notes as In regard to the offer from the Republican, though I consider the terms quite too low, I think it would be as well for me to make a conditional agreement to furnish weekly letters, which if they suit, can draw higher pay I would like you to make the best terms with them, ascertain what length they would wish, to have the letters, and what items of information would be most acceptable, as to style though I have not much confidence in that line I think I could make satisfactory readable articles — The reason why I would wish to have a definite arrangement is that it may give me some more facilities for exploration by being the accredited correspondent of a respectable paper like the Republican. Please then exercise your judgment in making any farther arrangements with them till I come down —

As to having Company, nothing would please me better than to have Mr Fiedler along. The country is certainly big enough for us both, and I doubt not we could easily agree on some system of

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Exploration [illegible] would be of
mutual advantage, and double
the results scientifically. We might
then think seriously of taking a
Barometer along. and ascertain
heights & climatic features of
the region explored, do not
hesitate then to use your influence
to induce him to go, and do not
be surprised if you should get
you started. too,

I think of nothing that requires
immediate attention unless you
should think it best to forward
2 or 3 Reams of pressing paper. I
am well provided with straps &
folios & pressing boards, but shall
want to lay in a good supply
of India Rubber cloth. for doing
packing. I am sorry to hear of
Dr Gray's accident. I hope to hear
from you again soon.

Very truly Yours

E. E. Parry

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Rec'd March 22d
Ans March 28th

Davenport March 19th 1861

My Dear Dr

Yours of 14th is just received I am arranging my matters for a start as early next month as practicable, and wish you would forward as proposed + Reams of pressing paper. I would like it to have considerable body, and soft felty texture if it can be got, use your judgment about packing for transportation, and learn on sending what length of time it will take to get through to Denver as fast freight. to save consignee charges &c. Can you also enquire at the same time, what would be the best point to start from on the Mo River and whether it would be advisable to engage a seat

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in advance of the Ore land Court.
Date of Jan + — + —

When I come down I shall want to be busy in looking over your plants and taking notes & desiderata so as to be prepared to fill up as many gaps as possible. Of course I must be governed a good deal by circumstances, as to my route & explorations after I get fairly on the ground. But I feel more anxious to explore thoroughly & make good & complete collections. than of over a large extent of ground, if I have so many success. I may conclude to put in another season, with a little wider range aided by previous experience. and better knowledge of the country.

I am glad to notice that by a new Post Office arrangement slips of plants & cuttings can be sent by mail at reduced rates

so must avail ourselves of the provision as far as possible. perhaps it would be well to get up some contrivance for marking small specimens by which they can be safely transported at the reduced cost numbered or otherwise marked for reference so that they can be referred to in correspondence. I wish you would send me in your next letter your P.O. address. Street & No. so that in case I should wish to send anything in advance it may reach you in the shortest time. Our River business at this time is quite lively. and I have quite a No of new acquaintances. to whom I could safely commit errands. I am putting up a few slips of plants such as I think may interest you. when I get a look at your herbarium one

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I can then write better what
to Professor Gray to have him
my collection
Illinois
and the previous
for the plants I wrote
written upon
gentlemen to communi

Asa Gray

B. B. Station

Missouri Botanical Garden
George Engelmann Papers

Rec'd April 28
ans May 11th to Fort Kearney
13th to Denver

Davenport. April 25th 1861

Dr Engelmann.

Dr Sir.

I expect to leave
tomorrow. by K R on route for
the Rocky Mts. The steam & baggage
has left; and I expect to overtake
them at Iowa city. I have been
much puzzled to know how to
arrange my funds for use in Denver
By advice of several of our bankers
I have procured the enclosed draft
on St Louis, and send it to you
please make some enquiries. and
have it put in such shape that
I can get the same cashed in
Denver, and send by mail
to my address Care of Clark Gruber
& C. Bankers. in Denver. to whom

I have a letter of introduction
from Dr Torrey.

Please write me advising the
course you have taken, to Ft. Kearney
which I shall probably reach in
about 15 days. Perhaps if you
write immediately on receipt
of this to Omaha N. T. I shall
receive it, I will keep you
duly informed of my progress
at all the principal points

Use your discretion about converting
the within draft — I understand that
good St Louis funds or drafts are
worth a premium in Denver
All our currency here is Illinois
& Wisconsin which would be entirely
useless out there & gold not to
be had at any price

Mr Shields the bearer of the within
draft guarantees its collection
So if there should be any difficulty
in collecting you can write to
him about it. as he is a personal
friend of mine, of course there
will be no necessity for him urging
the matter. indeed if there is
anything to be gained by delay,
the draft need not be forwarded
to Denver for two weeks or
more. I hope I am not putting
you to too much trouble in this
business. but the kind interest
you express in my undertaking
induces me to make use of
you. It seems a very bad state
of affairs. and I shall be glad to
get away. from military noise
& confusion. among the valleys
of the Rocky Mts

I received your two letters
the one inclosing letter from
Dr Torrey. I am much obliged
for your suggestions & hope you
will continue them

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I shall write
Dhaka. ...
from Jam
in Jan Hun

Jamun Kuly
U.S. Exp.

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Davenport May 7th 1861

Dr Geo Engelmann

Dear Sir

I wrote you on Sunday morning & sent per "Hawk Eye State" which I expected would reach you sooner than by mail But this morning I have learned that the Boat is laid up at Burlington on acc of high winds & you may not receive my letter as early as I expected. I wrote you to again present the Dr draft to A & Watson & urge the payment of same I have just returned (Sunday morning) from St Louis & think if you again urge the payment of draft & explain to A & W the fact of the Dr having started for Pikes Peak & his disappointment in not receiving the money that

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they will certainly pay the Draft

I am very anxious you should urge the collection of this Draft as A & B. are largely indebted to me and I am fearful they are in a failing condition. Yet I would not have them know that I felt so as it might frustrate my plans

But after urging this matter upon A & B. you find you are not likely to succeed I wish you would present the matter to Gillard & Co No 52 Commercial St & they will probably advance you the Amt. as Mr Gillard understands the whole matter But in case you fail Telegraph me & I will make other Arrangements

I wish however you would use some extra exertions with A & B. and I think you will succeede

Yours Respect
Jos Shields
Jno Dalzell

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Rec'd May 22
Ans June 15

Ft Kearney May 16th/1861

My Dear Dr

I have just reached
this stopping place in my journey
westward I must have travelled very
fast or my friends been negligent
as I get no letters from any
quarter. I suppose however this
reaches in this part of the world
are not very regular. My
progress thus far has been without
material incident. I left Davenport
3 weeks ago to day & expect to
reach Denver in Two more.
It has been rather dry picking
in botany. but I have made a
commencement most of the
plants thus far being well known
to me from Iowa or Minnesota
I am quite disappointed now that

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I shall not loose any thing by delay in reaching my Destination as I find vegetation keeps backward the farther west I get. another advantage will be that by the time I reach the Platt I shall be pretty well seasoned to hard work. I walk now regularly 10 to 15 miles a day on average journey — 30 miles a day. the weather has been quite bleak since leaving the Missouri River. but some prospect of its warming up now I did not go to Omaha. So if you write me there I should not receive your letter unless forwarded I leave directions with the Post Master to forward my letters to Denver but they do not seem to be a very accomodating set out this way. I am anxious to know what disposal you made of the draft sent you for $100.65 to be converted into Pikes Peak funds &

forwarded to Denver. The mail comes in to night. So I suppose my letters will come a day after the fair. — I have been on a short hunt for the pistillate flowers of the Buchloe but only succeeded yesterday in finding a small patch of it. I am not surprised that it escaped observation so long. but now you have started on the track no doubt there will be plenty of it I find that the sexes are usually separate only a few stray males being found in a bunch of the females, while in a patch of males I have not yet succeeded in detecting a female plant I think the fertile plants are reserved to the second year growth. the usual term for sterile tall spikes is in summer or fall. There are some other curious observations yet to be made on this interesting plant which I will study up at my leisure and give you the benefit of

I enclose a few packets Specimens
picked yesterday. I think I have
a few specimens containing male & female
flowers on the same shoot, at any rate
there is no doubt of their specific identity
I hope I shall hear from you
as often as possible, & let me
know what I can do in the way
of special desiderata. I shall
forward scraps to you by every
opportunity. - I must conclude these
somewhat hurried letter written
under considerable inconvenience in
a crowded & dirty P.O. I shall
write you again at least from
Denver. You may direct to me
till further advise. Care of A.H. Owens
Missouri City. Colorado Terr. as
that will be my first stopping
place in the Rocks

With kind regards from Mrs

C. B. Clarke

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Rec'd June 9th
Ans June 15

Denver city
May 30th 1861

My Dear Dr Engelmann.

I have safely reached this point of my journey & tomorrow start for the Pikes. I received your letter of May 15th with enclosed draft. I am sorry at the unnecessary trouble you were put to as I was assured the draft would be paid on presentation. and it was impossible for me to convert into gold at Davenport I trust there will be no difficulty in cashing the draft as I expect shortly to visit the States & will present it in person I shall confide in your judgment & counsel at the State & Public Affairs. So unnecessary & needless. I am inclined to feel grateful when that

I shall be out of the din of
Military fuage and bloodshed
on scientific principles of warfare.
I see our old friend Col Emory is
figuring on the frontier as Comdt
of U S troops.

I must postpone any botanical
matter in this letter my main
object in writing is to enclose
the freight receipt you sent
me on which I had to pay an
additional freight charge of
$2.83 This I consider a downright
outrage as the receipt is distinctly
marked "Paid through" & certainly
high enough. I can find here no
responsible parties, to come upon
as the original party transporting the
parcels had turned them over to
other parties subjecting me to an
additional Storage Charge of $2.00
and refused to give them up unless
I paid the amount said to be advanced
by them & so endorsed on the receipt

I would like to trouble you to call
again on the parties with whom
you made the agreement & demand
& turn the refunding of the extra
amount paid by me & damages
in detention & loss of time. If they
refuse use your discretion about
suing them, but I think they
would hand it over to refuse so
just a demand. This I trust will
be the last trouble I shall impose
upon your good nature, and after
this I hope to make my own calls
upon you in a more congenial
scientific capacity. I have some
scraps of plants I want to send
you as soon as I can get at
my bundles conveniently. Since
writing you from Ft Kearney, vegetation
has made rapid advances. I have
seen Cereus Dissectus, in flower
also Mammillaria Missouriana,
shall keep a good look out for
E Simpsonii

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As I expect to write you in
a few Days, at furthest I
write not extend this especially
as I have several letters now
on hand to answer

Very Truly Yours
C. C. Parry

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Cabin at foot of The Sawing Range N M
June 24th 1861

Rec'd July 4th
Ans'd July 8
" 17th

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My Dear Sir

Since my arrival in the Mountains I have been so constantly & engrossingly occupied in collecting, preserving & collecting, that I have found little time to employ in correspondence being also out of the range of P.O. when I had some. Indeed in fact I did not have much encouragement to sit down and write with an uncertainty when I could get a chance to send, as I expected to have received before this a supply of money from home, but which unfortunately has not arrived. Under these circumstances I have had to draw Sight Drafts, being paid in Coin, but, get Drafts the only Currency in the part of the country, I presume I could have got a simple Draft on St Louis, converted in the same way without Discount, but in the uncertainty about it, I preferred to wait [illegible] Experience? by you in my account. I take it will be able to settle the Extra Postal charges without inconvenience. If so kindly advise me in regard to the more pleasant subject of Botany. I am confident I have [illegible] some thing of interest to my friends

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cannot begin - indicate the many matters
which crowd upon me. I have made several
trips to the Swamp & have come over
to Rockville Park and the head waters of Rock Creek
Have Bifora Canadensis, Podophyllum peltatum
Asarum Canadense, Erythronium, Claytonia
Virginica and Sanguinaria. Expect to go
Several times & then reach the end of the
Season. Have got half a dozen and look down upon
the 1st steps of the Continent. Surrounded
with banks of snow & Skeleton
trees covered with Serpentine &c. Most of the
plants are recognized as well known Rock plants
but nearly all new to me. I will
send specimens of the more interesting
species. Have you Thalictrum dioicum? Is not this be an Asiatic
form of A. Clintonia Fragrans? Saxifraga Virginiensis,
Thalictrum Cornuti, Trillium Grandiflorum, & others,
Caltha Leptosepala, Trillium Cernuum, Several species
of Viola, and Rhododendron Maximum, plants &c. &c
(Among the most interesting, is a specimen of Claytonia
Virginica with a specimen). It grows in the
depth of the ridges in dense clusters, upon
from a thick fleshy tuft root. The cluster of fleshy leaves
occupy the center. Surrounded by numerous flower
stems bearing like this, formed of leaves,
and flowers [illegible] in diameter. I have two complete
specimens collected, send you the enclosed sketch
[illegible] one stem of the flower and leaf in no

discrepancy between its characters & those of the described genus Claytonia. I can hardly suppose it an undescribed species, as it is quite abundant. Another plant fragment enclosed I take to be nov sp of Synthris. at least quite different from any S. Menziesii. Check D from Colorado. The fruit & the rest of the plant is quite delicate. I would like to send you a few specimens, but my collections are so scattered that I cannot well get at them. I shall make it a point to lay by specimens in a separate paper to be sent to you on occasion offers.

As regards my proposed plans for this season I would say that the success of my being connected with a survey & expedition to locate a wagon route across the Park & through middle Park to Salt Lake will probably be decided this week whether I go with them. I have been promised a situation on the Survey by Mr W. N. Byers the Grand Mogul Contractor whom I met here, and at whose office met Bob Filkin, and explained to him the object of my coming out here & he expressed great interest & promised to give me all the assistance in his power.

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[illegible] to [illegible] [illegible] [illegible]

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Rec'd May 25th
Ans Aug 26
Sent 3d

Denver City Col Ter
Aug 18th 1861

My Dear Dr—

From the fact that vegetation seems pretty much suspended in the Mts and I intend to carry myself & traps Eastward I have made rather a hurried start, and shall expect to reach Ft Kearney in two weeks Kansas City by 8th Sept & St Louis by 10th to 12th perhaps sooner. I have been obliged to hurry up my plants rather hurriedly but being safely packed, can attend to labelling &c when I reach St Louis. I think you will be much interested in the collection which is richer than I expected to make with the limited means at my disposal & shortness of Term. My last trip to the Snowy range was last Monday. 13th inst found several Gentians. but other vegetation mostly dis-persed I enclose specimen of a new Dimeutian gentian found near the Snowy range. Please write me to Ft Kearney if you receive this in time, or to Kansas City which latter point you can certainly catch me with a letter from there shall probably take boat to St Louis. If any change in plan will let you know. Hope to find you well

Yours truly

E Hall

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Rec'd Octob 3d
Ans Oct 16

Lisbon Franklin Co Missouri
Sept 27th 1861

My Dear Dr

While making
addresses from you & Dr Gray,
I concluded to come up after
my family. who have been
spending some time
with relatives during my absence
On my return I shall attend
at once to packing & sending
specimens for you & Dr Gray.
It will probable be
best for me to send to Dr
Gray, all my collection after
supplying you. and any western
subscribers. to dispose of to
the best advantage. either
by sale or exchange

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I received at Davenport your letter of Aug 17th inclosing Dr Gray's " 6th I was glad to hear the botanical news, and to know that Dr. Gray was pleased with my location & the prospects of making a valuable collection with the limited means at my disposal. I have also received your letter of July Date also one from Dr Torrey. I am in hopes that the singular crem colored Pentstemon may prove to be N. fasc. Dedicatum eliminophilus. Probably you know before this whether it is or no

My collection across the plains, and through Kansas, includes some nice plants new to me I only collected sparingly however to supply my own herbarium and complete my lists

I hope you will succeed in stocking a rich vein of Mildews. Your Germanic zeal in following up investigations will no doubt lead to valuable results

I am rejoiced to get out of the clutches of Secessionism and the excitements & dangers of such war.

Your State seems to be fated to be the battle field in this unnatural contest and we look with great anxiety to the results of present Military movements. If you feel like returning Davenport will be a good place to take back on!!

Please retain book received from Ph. Co. till further advice

Yours truly

(C. C. Parry)

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Rec Oct 12
Ans Oct 16

Davenport, Ga. Oct 8th 1912

Dr Nagel Commn

My Dear Dr

I have just finished Sorting and packing Specimens of my Rocky Mt Plants. And I am more fortunate than I expected, as with the exception of Ivesia I have collected a full set of duplicates & have packed a box for you including a pretty full set for Dr Short and irregular duplicates to use at your discretion. My numbered list amounts to 412, some single specimens sent to be numbered and others written out in full, will bring up the number of species to about 420. There are on your list six many plants of less interest such as I thought you would not care about, so some matched specimens not collected for distribution. I keep a full set myself & have sent Dr Fay the Indian Canon ones. That the specimens are collected in very irregular numbers. such as struck me at the time as special interest, often as high as 20 & 30. While the

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March 28 not go over 8 or 10. This will last be sufficient for scientific uses. and perhaps indispensable circumstances as much as I can dispose of to advantage. If they should be favorably received. It will be an inducement for me to try again under more favorable circumstances; and with the benefit of experience & criticism. Should I go again as I have some things in my doing next season. I shall have a wagon & the my Assistant and Company. and shall fix & provide for a further & the S. W. A still more extended field of exploration will be Nevada Terr., towards which I have had my thoughts directed for some time

As soon as you get my collection I will be glad to hear from me, and get a list corresponding to the numbers also please indicate, on what particular specie you desire full notes. I propose to draw them up at my leisure including locality of collection. habit, range &c &c You guided a great deal by your suggestions

You will find the Collection particularly rich in Scrophularineae, one nice Gentianeae Compositeae Ranunculaceae -

I am sorry that my unavoidable
departure prevented me from collecting
further specimens as extensively as I
intended doing, also from making fuller
collections of woods & fruits &c. I have
however pretty full notes and distinct
collections of the latter, and some rough
sketches

I did not do anything in Cactæ
as there are Engelmann's Manuscript
Opuntias & S. Mexicana Plants employ-
ing much of my time. I noticed
Ferns were also quite rare. My
last camping ground 4 Sp.
The large family Labiatæ has but an
common representative in the district
I examined

I have also sent you a few seeds
that I laid aside for you last winter
from my Herbarium collections,

I hope to hear soon of your health
and that Mamas do not disturb-
our peaceful domicile.

Yours truly
C. G. Pringle

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Rec'd Oct 18th
Ans Nov 5th

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Third collection of the — on the P. Florida Keys
cards (with P. "B"). The fruits
differ — one — though Dr. Millspaugh
says — on the tree brought back
by several collectors without error,
the fruits of Key Largo, as P. "B"
is shown by specimens. That of
P. "A" is undoubtedly Drupifera,
but less distinctly so than in the
specimens of the last collection. Fig. 1 and
2 circles of 3 mean the exterior
of the branch in a sort of whorl
seeds I do not notice. Bur from
the dr. fruit — heavy, fallen and
and the late (this year) fruit
not sufficiently matured —
I have a staff cut the size
of "B"). The wood seems quite
tough, a trouble rather than
growth. I have seen trees
over 3 ft in diameter at base
but mature very high 40 to 50 ft

base, the tuberosities at base some
of the fruits inside on short
underground which may also
be propagative agents, it is
to be observed, occurs with
resin conditions of the fruit
stem, have large vascular
tube at base —

What do you make of 271.
A genus on Rock Key, Bahama —
has pinnate leaf like Rhus
white flowers in terminal
loose like those of Ligustrum
— I found but one Cascade
— the plants were low of the
Rock and few Epiphytes —
The Pitcher Vegetation in Sarracenia
Sarracenia of Lobster — of
one of each — Cuttings

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Rec Oct 24th 5

[illegible] for your reason. You must not hesitate to [illegible] your book with [illegible] <u>duplicates</u>. Even when an [illegible] specimens you must keep yourself in mind to think as you [illegible] The duplicates I intended for you on account to be taken [illegible] in Van Diemens Land exchange. I feel reluctant about asking any thing from you at present, considering the trouble I have imposed upon you. But if it would be more satisfactory to you, I would take <u>half price</u> for <u>good</u> specimens. (not mere indications) for which I will take plants in exchange at some future opportunity. I believe the regular price is £10 per hundred [illegible]

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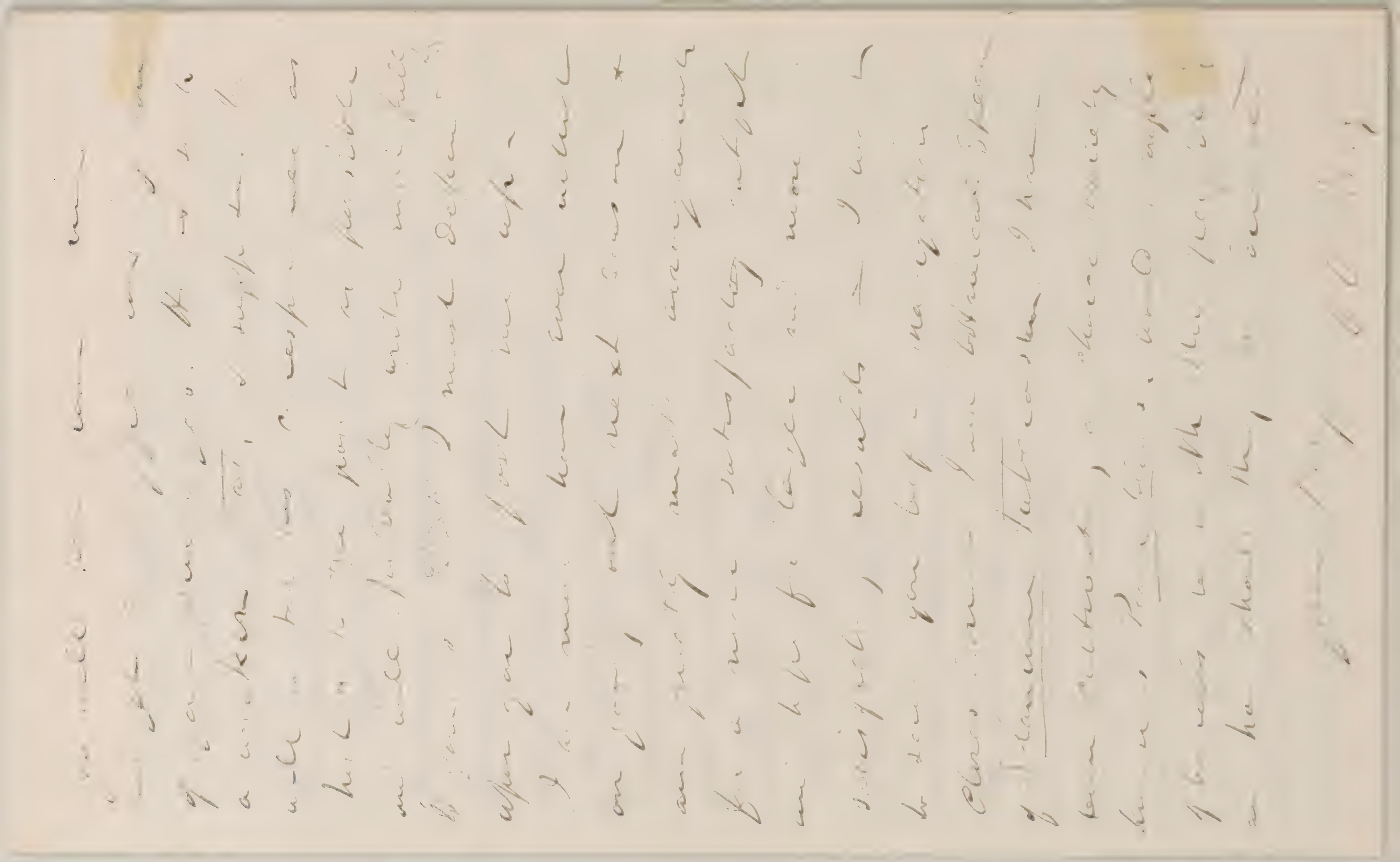

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Rec'd Nov 5th
Ans Jan 1862

Dorchester Dec 1st 1861

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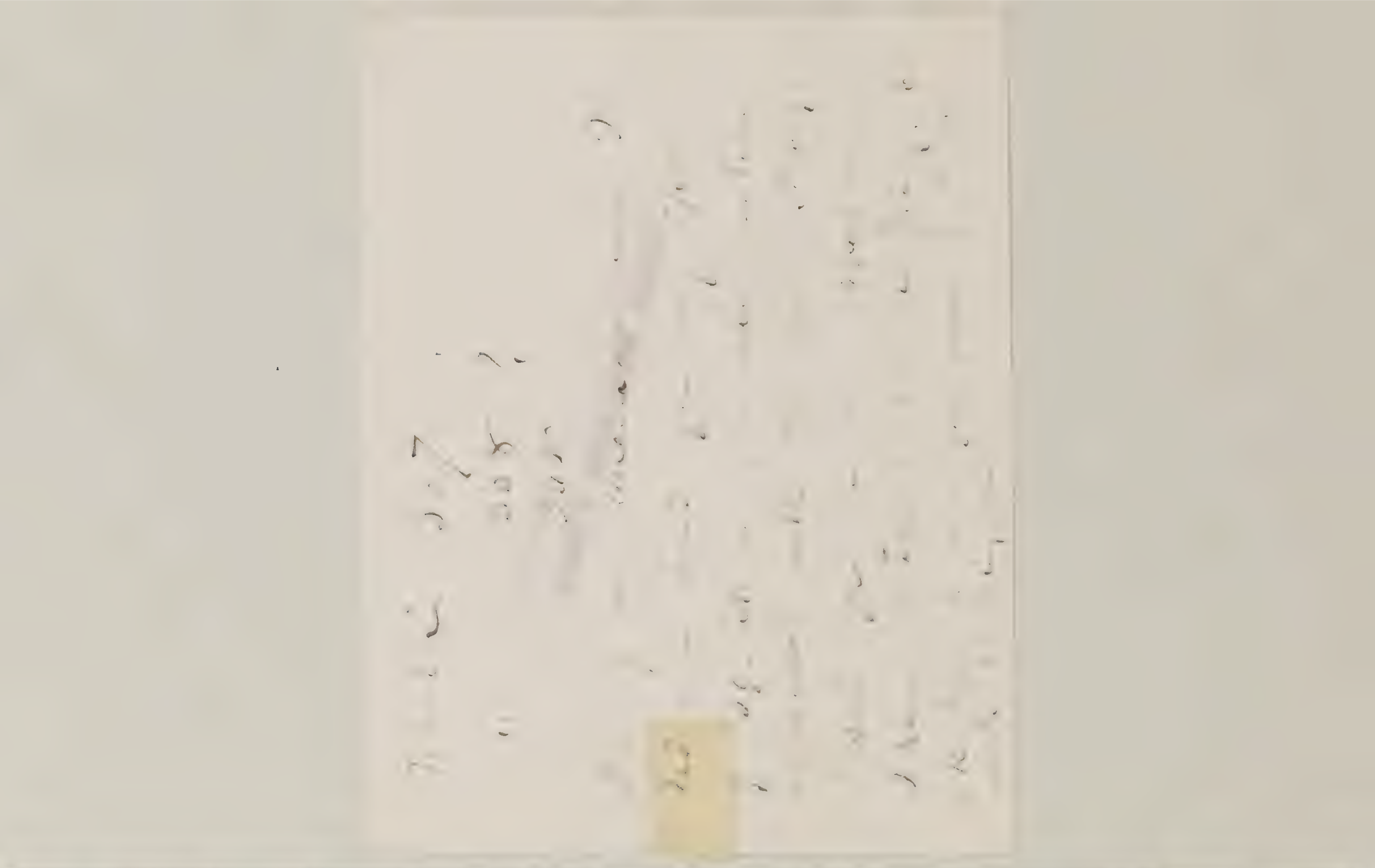

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Rec'd Nov 13th
Ans Dec 5

and the scales have a peculiar blunt square point. seeds large sort of trunk usually rough brownish known "Prickly Chuta" The seeds have a thin shell as about the ye of P. edulis. but the kernel is former & very oily - taste quite different from P edulis much later we had abundant opportunity of tasting in N Mexico. I have some notes and a rough sketch of my plants in some note books. which I will exchange sometime.

of P. Tourneyanna I have only a single specimen Cone & leaves it is a very remarkable species and likely to be confounded with any other sp. and apparently very limited in range - If I should ever go to San Diego again I should do, & send a whole stick with specimens

The confusion in regard to P. Jamesii, P. flexilis seems inexplicable and I see no way to straighten the sp. except by exchange of specimens with Dr James's specimens of which I know just what half way between us at Burlington I suppose that we should each have specimens It is quite possible that we may have seen both my species and perhaps confounded them as in fact I did till examining them - I also think he must have got the true P edulis seed from specimens I do not [illegible] I have seen the Rocky Mountain and almost every [illegible] I have not as Abies alba [illegible] being very [illegible]

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GEORGE ENGELMANN PAPERS

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Rec Nov 29
Ans Dec 15

Davenport Nov 26th 1861

My Dear Dr

Your letters seem to come quite rarely of late. I suppose you need a pop gun and then to get you off the beaten track of professional routine I send herewith some additional notes on Pinus aristata. In I have not heard from Dr James in answer to some enquiries I made in reference to P. flexilis nor Dr Torrey, who is hard to wake up. So I fall back upon you. You have probably heard before this from the latter, pray make them tell all they know, you understand the use of ??? as I can testify

I was a good deal surprised at the discovery of the skeleton of growth of P. Banksiana. I think I cannot be mistaken. but to make sure. I shall send you by the opportunity a section of the stem. that you may verify my calculation. Should I go to the NWTs again next season I shall bring a slab back to show more fully the character of the wood. I have many full observations. and measurements of Abies Douglasii. and intended to do up all the Rocky Mts pines had I not made such a sudden start homeward. The timber of A. Douglasii is quite inferior being harsh grained and liable to warp & crack in seasoning. It has a thick bark highly charged with tannin and may come into use for tanning material.

P. Banksiana. about which I think I cannot be mistaken though I have made no comparison with North West specimens from Wisconsin is quite abundant on the crest & slopes of dry subalpine ridges extending so near the snow line. It has a stem tapering trunk less than 1 ft diameter. with a thin grayish brown bark; scant foliage. towards the summit of the young branches narrow outline. about 50 to 60 ft high the wood is rather harsh and liable to warp. Its growth rapid as shown by annual rings.

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In middle Park the woods
slopes at the head of Grand
River are mostly composed of
magnificent forests of Abies
lasiocarpa having a smooth columnar
trunk, and pyramidal top
reaching a height of 80 to 100 ft
diameter often 2–2½ ft
The wood is very white soft
and easily worked, being favored
preferred for inside work
The Abies Menziesii is a
fine shaped often magnificent
tree rather stiff outline light
brownish bark. rapid growth,
the wood very compact and
pitchy, coarse grain and long
keeping but rapidly & runs up the
advantage. Hope to hear from
you soon.

Yours truly

C. C. Parry

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Rec'd Dec 13th
Ans Dec 15

Davenport Dec 11th 1861

My dear Dr

I seem to have exhausted all my usual resources to get a letter out of you perhaps because I do not get a fair hold of the pump handle, but I trust perseverance will one day meet its reward

I received last week by express from you package of notes to amount $46.00 in settlement of account, for which please accept thanks

The last I heard from Dr Gray he was to the Feejee islands working on "Seamans plants". I hope he will not stay there long

In regard to Pines, I think I mentioned to you that I proposed writing to Dr Parry at Burlington Iowa in reference to P. flexilis, this I did, & not receiving an answer as expected I accidentally found that he died a few weeks ago the result of injuries received from being thrown from a horse. I have made some enquiries since to learn particulars, perhaps he drew up for Silliman's Journal a short

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Asa Gray Notebook of his East Botanical Explorations

I was sorry to learn in the course of my
Engelmann that of late years. He D.' Eaton had
indeed close on misanthropy, and there was
some quite Deplorable circumstances connected
with his family affairs & mode of life. This
of course I do not propose to allude to, but
his early services in botany seem to deserve
some notice.

I learn from Dr Torrey however that
he Sing brought back no specimens of L
P. parviflora
simplex but the description was drawn up
from the report taken from Jones's
recollections. This confirms the view
I have taken that he has probably confounded
two or more species, putting together the
edible seeds of P. edulis, with the mammed
cones and flexile branches of what we take
to be the original species. It is possible
that he may have seen specimens of our
P. monticola, but I think more probable that
his observations belong to the smooth cone
species, as he mentions in his note that
it is found from "the arid plains adjacent to the
Rocky Mts and extends up their sides to the
region of perpetual frost." This will perhaps
apply to what you have taken as P. flexilis
which has considerable range of elevation

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but cannot apply to the shrubby ones
P. virginiana. You do not tell me whether
your Fruit Jamaica specimens agree with
mine, or did Fruit specimens more like mine?
I have just ascertained from comparison
of specimens and examining Newberry's account
of California pines that what I have mistakenly
taken for Pinus Banksiana is P. Contorta
var. Murrayana. I suspected as much on asking
me for specimens, unfortunately I brought
back but two specimens one sent to
Dr Gray the other retained. The characters
given with Dr Newberry's description
of Murrayana of P. contorta & the cones differ
from P. Banksiana in being armed with
recurved prickles and have flexible
scales. The foliage is also of a duller green
You probably have specimens of P. contorta
which must have a very considerable
range East & West
Look over my specimens today &
send me specimens or a cone of P. Murrayana
and perhaps of P. virginiana. I hope you
will persevere in your undertaking to clear
up these species. You should endeavour to be
Master of all specimens of the
P. Banksiana.

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Dr I L Andrews, a California acquaintance of mine now I think living in Marietta Ohio may have specimens of California pines. That he would let you have, he was making collections there, in company with Dr Randall once Rider.

Dr Gray has written in reference to the publication of my plants. It is now proposed that he write down up the list, leaving certain families to be made up by Dr Torrey and I am to draw up an introductory sketch on the character of the country &c. To be published either in Silliman's Journal or in some Nat'l Soc Proceedings. How would it do to publish in St Louis Academy? Could they be worked off expense of engraving a map? In reference to my proposed journey next season. I must look for you to get me an additional outfit of pressing paper such as I had. Can it be got at any time & be shipped home or up the Missouri when the river opens? I must also continue to get a barometer to take along.

When shall I hear from you & your success & get a chance of pencils, hand to see you a small parcel

Yours truly C. C. Parry

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Rec'd Dec 23
Ans Jan 10

Davenport. Dec 15th 1861

My Dear Dr.

Yours of 15th ult come at last!!! I shall not scold any, but answer. About pines. I send you a cone and a few loose leaves of my Abies alba. You can judge how it will fit I see no difference in the foliage. and the cones though varying somewhat (especially in the shape of the scales) would hardly amount to a specific difference. The Rocky Mt tree is by no means rare composing almost the entire forest, south

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well notice. The trees can be distinguished as far as they can be seen. Newberry's account of A. Menziesii is excellent. and his figure good. Leaving little more to be said. I still cannot make up my mind to agree with you that Newberry's P. Cembroides is a form of P. flexilis. I cannot make the cones and foliage fit at all. I find on examination a few seeds adherent to my cone of P. flexilis 2 of which I send. They belong to a mature cone and apparently perfect very distinct from Newberry's figure If you could once get a sight of Newberry's specimens, you could soon settle the point

hunters about the Rocky Mts" This is about all I can find in Lang's Report about P. flexil and Dr Torrey writes me that Dr James brought no specimens back with him. So I infer he confused information in regard to the nuts of P. Edulis with ours sp.

I sent on my Mss. (introductory matter) to Dr Gray yesterday. I did not feel much like spinning it out as I consider the determinations by Gray & Torr and notes will be the essentially useful & scientific part mine is 15 ~~sheets~~ pages letter paper (same as this) I suppose it will be concluded to publish in Silliman's Journal March No. When I get back again we will get something for St Louis Academy Prof Short is right in his criticisms on my scribbling. I fear I deserve more than those. for I can write better if I try. I am sorry I should have inadvertently neglected. him in distribution but will try & make it up next time I shall write to him about it and ask him for a list of what he would like and by and by get into his good graces by writing a more intelligible hand Torrey is not offended. but as you suggest lazy & slow I think he would

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like to have you pick up the western
papers & give you also the facilities in
his power.

Fay has sold all my plants
but one small set. He made a very
satisfactory bargain for me getting ten
Pedroncs for a set of plants.

I want you to be on the look out and
help me to the possession of a barometer for
next season. I do not feel that I can
well afford to buy one for the purpose. Ask
some of you wide awake to get them and take
your pay in plants. It would suit. Should
I be fortunate enough to carry it through
without breaking. I should buy & dispose of it
in the Berx. s. that only the risk of breakage
would be incurred.

I fear I shall not redeem my
character for chirography this time. So
will close. I will send some notes
on San Francisco &c. &c. I have little or nothing
to say about Euphorb. Cuscut or Cacti
nothing so far of Letters. Pray do not
keep silence so long again.

Yours truly
C. C. Parry

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